

2004 Water Quality Assessment (Final) - Category 5 Listings for WRIA 55

WRIA	Listing ID	Category	98 List?	Waterbody Name Basis	Location Information				Parameter	Remarks	Medium
55	41973	5	N	DEADMAN CREEK Spokane Conservation District data (submitted 4/29/2004), station DM-3 shows that 5 samples in 2001, and 1 sample in 2002 exceeded the criterion.	MY92TJ	6.611	26N	43E	01	Ammonia-N	Water
55	41975	5	N	DEADMAN CREEK Spokane Conservation District data (submitted 4/29/2004), station DM-6 shows that 1 sample in 2001, and 1 sample in 2002 exceeded the criterion.	MY92TJ	1.805	26N	43E	03	Ammonia-N	Water
55	41976	5	N	DEADMAN CREEK Spokane Conservation District data (submitted 4/29/2004), station DM-7 shows that 2 samples in 2002 exceeded the criterion.  Hallock (2001) Dept. of Ecology Ambient Monitoring Station 55C065 (Deadman Cr nr Mouth) shows 0 excursions beyond the criterion out of 5 samples collected between 1993 - 2001	MY92TJ	0	27N	43E	33	Ammonia-N	Water
55	41981	5	N	DEADMAN CREEK Spokane Conservation District data (submitted 4/29/2004), station DM-3 shows that 7 samples collected in years 2001 and 2002 exceeded the criterion with at least one exceedance in each of these years.	MY92TJ	6.611	26N	43E	01	Dissolved oxygen	Water
55	8442	5	Y	DRAGOON CREEK Juul, 1991, high fecal coliform values were measured at the Spokane County Border on 10/15/90 and 2/6/91. (1 excursion in 1990 and 2 excursions in 1991).	GL94EJ	31.342	29N	42E	08	Fecal Coliform	Water
55	42597	5	N	LITTLE SPOKANE RIVER Hallock (2003), Dept. of Ecology ambient station 55B070 shows a total of 3 samples in years 2002 and 2003 exceeded the criterion.  Hallock (2001) Dept. of Ecology Ambient Monitoring Station 55B070 (LITTLE SPOKANE RIVER NEAR MOUTH) shows 3 excursions beyond the criterion out of 53 samples collected between 1993 - 2001 measured on these dates: 97/05/06, 97/06/03, 97/08/05,  Cusimano (2001) station LSK56.4 (Little Spokane River (LSK56.4)) shows 0 excursions beyond the criterion out of 12 samples collected between 06/00 - 09/00.  Cusimano (2001) station LSK56.4 (Little Spokane River (LSK56.4)) shows 0 excursions beyond the criterion out of 12 samples collected between 06/00 - 09/00.  Hallock (2001) Dept. of Ecology Ambient Monitoring Station 55B070 (LITTLE SPOKANE RIVER NEAR MOUTH) shows 3 excursions beyond the criterion out of 53 samples collected between 1993 - 2001 measured on these dates: 97/05/06, 97/06/03, 97/08/05.	JZ70CP	1.086	26N	42E	05	Dissolved oxygen	Water This record flagged as being listed in 1996 due to roll up process. 12/14/04 -kk

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				Basis								
55	16861	5	N	LITTLE SPOKANE RIVER	JZ70CP	1.086	26N	42E	05	Fecal Coliform	Water	
Hallock (2004), Dept. of Ecology ambient station 55B070 shows 2 of 12 samples (16.7%) in year 2003 exceeded the percentile criterion.												
Hallock (2001) Dept. of Ecology Ambient Monitoring Station 55B070 (Little Spokane R. near Mouth) shows a geometric mean of 62 does not exceed the criterion and that 0% of the samples does not exceed the percentile criterion from 8 samples collected during 2001.												
Hallock (2001) Dept. of Ecology Ambient Monitoring Station 55B070 (Little Spokane R. near Mouth) shows a geometric mean of 22 does not exceed the criterion and that 0% of the samples does not exceed the percentile criterion from 12 samples collected during 2000.												
Hallock (2001) Dept. of Ecology Ambient Monitoring Station 55B070 (Little Spokane R. near Mouth) shows a geometric mean of 22 does not exceed the criterion and that 0% of the samples does not exceed the percentile criterion from 12 samples collected during 1999.												
Hallock (2001) Dept. of Ecology Ambient Monitoring Station 55B070 (Little Spokane R. near Mouth) shows a geometric mean of 24 does not exceed the criterion and that 0% of the samples does not exceed the percentile criterion from 19 samples collected during 1998.												
Hallock (2001) Dept. of Ecology Ambient Monitoring Station 55B070 (Little Spokane R. near Mouth) shows a geometric mean of 38 does not exceed the criterion and that 9% of the samples does not exceed the percentile criterion from 11 samples collected during 1997.												
Hallock (2001) Dept. of Ecology Ambient Monitoring Station 55B070 (Little Spokane R. near Mouth) shows a geometric mean of 41 does not exceed the criterion and that 0% of the samples does not exceed the percentile criterion from 6 samples collected during 1996.												
Hallock (2001) Dept. of Ecology Ambient Monitoring Station 55B070 (Little Spokane R. near Mouth) shows a geometric mean of 38 does not exceed the criterion and that 0% of the samples does not exceed the percentile criterion from 12 samples collected during 1995.												
Hallock (2001) Dept. of Ecology Ambient Monitoring Station 55B070 (Little Spokane R. near Mouth) shows a geometric mean of 18 does not exceed the criterion and that 0% of the samples does not exceed the percentile criterion from 14 samples collected during 1994.												
Hallock (2001) Dept. of Ecology Ambient Monitoring Station 55B070 (Little Spokane R. near Mouth) shows a geometric mean of 28 does not exceed the criterion and that 0% of the samples does not exceed the percentile criterion from 3 samples collected during 1993.												
55	9051	5	Y	LITTLE SPOKANE RIVER	JZ70CP	3.898	26N	42E	04	Total PCBs	Tissue	
Washington Dept. of Ecology, 1995. excursions beyond the National Toxics rule criterion in samples of edible tissue of Rainbow Trout in 1994.												
Johnson, 1997. show excursions beyond the National Toxics Rule Criterion in Mountain whitefish fillet samples collected in 1996.												
55	15924	5	N	LITTLE SPOKANE RIVER	JZ70CP	14.329	26N	43E	06	Turbidity	Water	
Hallock, 2002. shows 3 excursions beyond the criterion out of 11 samples collected between 1992 and 2001 derived by the difference between the upstream station 55B200 (Little Spokane @ Chattaroy) and the downstream station 55B082 (Little Spokane R abv Dartford ).												

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Fecal	55	6325	5	N	SACHEEN LAKE	544MNG	31N	43E	35	Fecal Coliform	Water	Completed Phase I State Clean Lakes Restoration Project in 1991 - Problems Encountered: Blue-green algae, low dissolved oxygen, sediment phosphorus recycling, tributary nutrient inputs, fecal coliform bacteria, aquatic macrophytes (Eurasian watermilfoil).Kennedy Engineers, 1991. Completed Phase I State Clean Lakes Restoration Project in 1991 - Problems Encountered: Blue-green algae, low dissolved oxygen, sediment phosphorus recycling, tributary nutrient inputs, fecal coliform bacteria, aquatic macrophytes (Eurasian watermilfoil).	Active Phase II State Clean Lakes Restoration Project: Control measures underway based on the Phase I study - aquatic herbicides, watershed nutrient management, septic tank elimination, lake level regulation, public education.
													coliform data were previously submitted only in hardcopy form. The water segment is listed as Category 5 based on the 1998 assessment.
	55	6367	5	N	SACHEEN LAKE	544MNG	31N	43E	35	Total Phosphorus	Water	Completed Phase I State Clean Lakes Restoration Project in 1991 - Problems Encountered: Blue-green algae, low dissolved oxygen, sediment phosphorus recycling, tributary nutrient inputs, fecal coliform bacteria, aquatic macrophytes (Eurasian watermilfoil).Kennedy Engineers, 1991.	Active Phase II State Clean Lakes Restoration Project: Control measures underway based on the Phase I study - aquatic herbicides, watershed nutrient management, septic tank elimination, lake level regulation, public education.
	55	42356	5	N	UNNAMED CREEK (AT HWY 27)	UNK000	0	26N	43E	03	Ammonia-N	Water	Spokane Conservation District data (submitted 4/29/2004), station DM-6C shows that 1 sample in 2001, and 1 sample in 2002 exceeded the criterion.
	55	42354	5	N	UNNAMED CREEK (SPRING NEAR KAISER OUTFALL)	UNK000	0	26N	43E	03	Ammonia-N	Water	Spokane Conservation District data (submitted 4/29/2004), station DM-6A shows that 1 sample in 2001, and 1 sample in 2002 exceeded the criterion.
	55	42359	5	N	UNNAMED CREEK (SPRING NEAR KAISER OUTFALL)	UNK000	0	26N	43E	03	Dissolved oxygen	Water	Spokane Conservation District data (submitted 4/29/2004), station DM-6A shows that 5 samples collected in years 2001 and 2002 exceeded the criterion with at least one exceedance in each of these years.